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| EFS ID: | 41083 | |
| Application ID: | 09438365 | *09438365* |
| Title of Invention: | New Transfection Reagents | |
| First Named Inventor: | Yongliang Chu | |
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| Filing Type: | | |
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| Attorney Docket Number: | 0942.4650001 | |

Total Fees Authorized:

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

New Transfection Reagents

Application Number: 09/438365

09/438365

Confirmation Number: 9217

First Named Applicant: Yongliang Chu

Attorney Docket Number: 0942.4650001

Examiner: Janet L. Epps

Search string: (4235871 or 4501728 or 4683195 or 4683202 or 4737323 or 4767699 or 4800159 or 4812449 or 4837028 or 4889818 or 4962022 or 4965188 or 5047342 or 5079352 or 5165925 or 5186923 or 5187085 or 5244797 or 5264423 or 5270179 or 5276019 or 5277897 or 5286717 or 5328470 or 5328984 or 5350672 or 5374553 or 5409818 or 5436149 or 5455166 or 5484702 or 5498523 or 5500356 or 5506212 or 5510239 or 5510476 or 5512438 or 5512462 or 5514577 or 5514787 or 5519134 or 5521291 or 5521302 or 5541307 or 5543507 or 5545540 or 5554746 or 5580859 or 5595897 or 5595096).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|------------------------|------|-------|----------|
| | 1 | 4235871 | 1980-11-25 | Papahadjopoulos et al. | | | |
| | 2 | 4501728 | 1985-02-26 | Geho et al. | | | |
| | 3 | 4683195 | 1987-07-28 | Mullis et al. | | | |
| | 4 | 4683202 | 1987-07-28 | Mullis | | | |
| | 5 | 4737323 | 1988-04-12 | Martin et al. | | | |
| | 6 | 4767699 | 1988-08-30 | Vary et al. | | | |
| | 7 | 4800159 | 1989-01-24 | Mullis et al. | | | |
| | 8 | 4812449 | 1989-03-14 | Rideout | | | |
| | 9 | 4837028 | 1989-06-06 | Allen | | | |
| | 10 | 4889818 | 1989-12-26 | Gelfand et al. | | | |
| | 11 | 4962022 | 1990-10-09 | Fleming et al. | | | |
| | 12 | 4965188 | 1990-10-23 | Mullis et al. | | | |

| | | | | |
|--|----|---------|------------|------------------------|
| | 13 | 5047342 | 1991-09-10 | Chatterjee |
| | 14 | 5079352 | 1992-01-07 | Gelfand et al. |
| | 15 | 5165925 | 1992-11-24 | Leong |
| | 16 | 5186923 | 1993-02-16 | Piwnica-Worms et al. |
| | 17 | 5187085 | 1993-02-16 | Lee |
| | 18 | 5244797 | 1993-09-14 | Kotewicz et al. |
| | 19 | 5264423 | 1993-11-23 | Cohen et al. |
| | 20 | 5270179 | 1993-12-14 | Chatterjee |
| | 21 | 5276019 | 1994-01-04 | Cohen et al. |
| | 22 | 5277897 | 1994-01-11 | Piwnica-Worms et al. |
| | 23 | 5286717 | 1994-02-15 | Cohen et al. |
| | 24 | 5328470 | 1994-07-12 | Nabel et al. |
| | 25 | 5328984 | 1994-07-12 | Pastan et al. |
| | 26 | 5350672 | 1994-09-27 | Oberst et al. |
| | 27 | 5374553 | 1994-12-20 | Gelfand et al. |
| | 28 | 5409818 | 1995-04-25 | Davey et al. |
| | 29 | 5436149 | 1995-07-25 | Barnes |
| | 30 | 5455166 | 1995-10-03 | Walker |
| | 31 | 5484702 | 1996-01-16 | Ludwig |
| | 32 | 5498523 | 1996-03-12 | Tabor et al. |
| | 33 | 5500356 | 1996-03-19 | Li et al. |
| | 34 | 5506212 | 1996-04-09 | Hoke et al. |
| | 35 | 5510239 | 1996-04-23 | Baracchini, Jr. et al. |
| | 36 | 5510476 | 1996-04-23 | Ravikumar et al. |
| | 37 | 5512438 | 1996-04-30 | Ecker |
| | 38 | 5512462 | 1996-04-30 | Cheng |
| | 39 | 5514577 | 1996-05-07 | Draper et al. |
| | 40 | 5514787 | 1996-05-07 | Atkinson |
| | 41 | 5519134 | 1996-05-21 | Acevedo et al. |
| | 42 | 5521291 | 1996-05-28 | Curiel et al. |
| | 43 | 5521302 | 1996-05-28 | Cook |
| | 44 | 5541307 | 1996-07-30 | Cook et al. |
| | 45 | 5543507 | 1996-08-06 | Cook et al. |
| | 46 | 5545540 | 1996-08-13 | Mian |
| | 47 | 5554746 | 1996-09-10 | Ravikumar et al. |
| | 48 | 5580859 | 1996-12-03 | Felgner et al. |

| | | | | |
|--|----|---------|------------|---------------|
| | 49 | 5595897 | 1997-01-21 | Midoux et al. |
| | 50 | 5595096 | 1997-01-21 | Coffman |

Signature

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| Examiner Name | Date |
| | |

TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

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|---|----------------------------------|-----------------------|--------------------|-----------------------|---|-------|----------|
| Title of Invention | New Transfection Reagents | | | | | | |
| <p>Application Number: 09/438365 *09/438365*</p> <p>Date: 1999-11-12</p> <p>First Named Applicant: Yongliang Chu</p> <p>Confirmation Number: 9217</p> <p>Attorney Docket Number: 0942.4650001</p> | | | | | | | |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">Submitted by:</td> <td style="width: 20%; text-align: center; padding: 5px;">Elec. Sign.</td> <td style="width: 30%; text-align: center; padding: 5px;">Sign. Capacity</td> </tr> <tr> <td style="padding: 5px;">Robert W. Esmond Registered Number: 32,893</td> <td style="padding: 5px;">/rwe/</td> <td style="padding: 5px;">Attorney</td> </tr> </table> | | Submitted by: | Elec. Sign. | Sign. Capacity | Robert W. Esmond Registered Number: 32,893 | /rwe/ | Attorney |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | |
| Robert W. Esmond Registered Number: 32,893 | /rwe/ | Attorney | | | | | |

Documents being submitted

us-ids

Files

IDS09424650001a-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

This IDS is the second of five submissions being filed on the same day. Three submissions are electronic and two submissions are non-electronic. It is believed that only one fee under 37 C.F.R. 1.17(p) is required to cover these submissions. That fee was included with the first electronic submission.